148

UHER

SERVICE MANUAL

MODEL VG 821

PARTS LIST

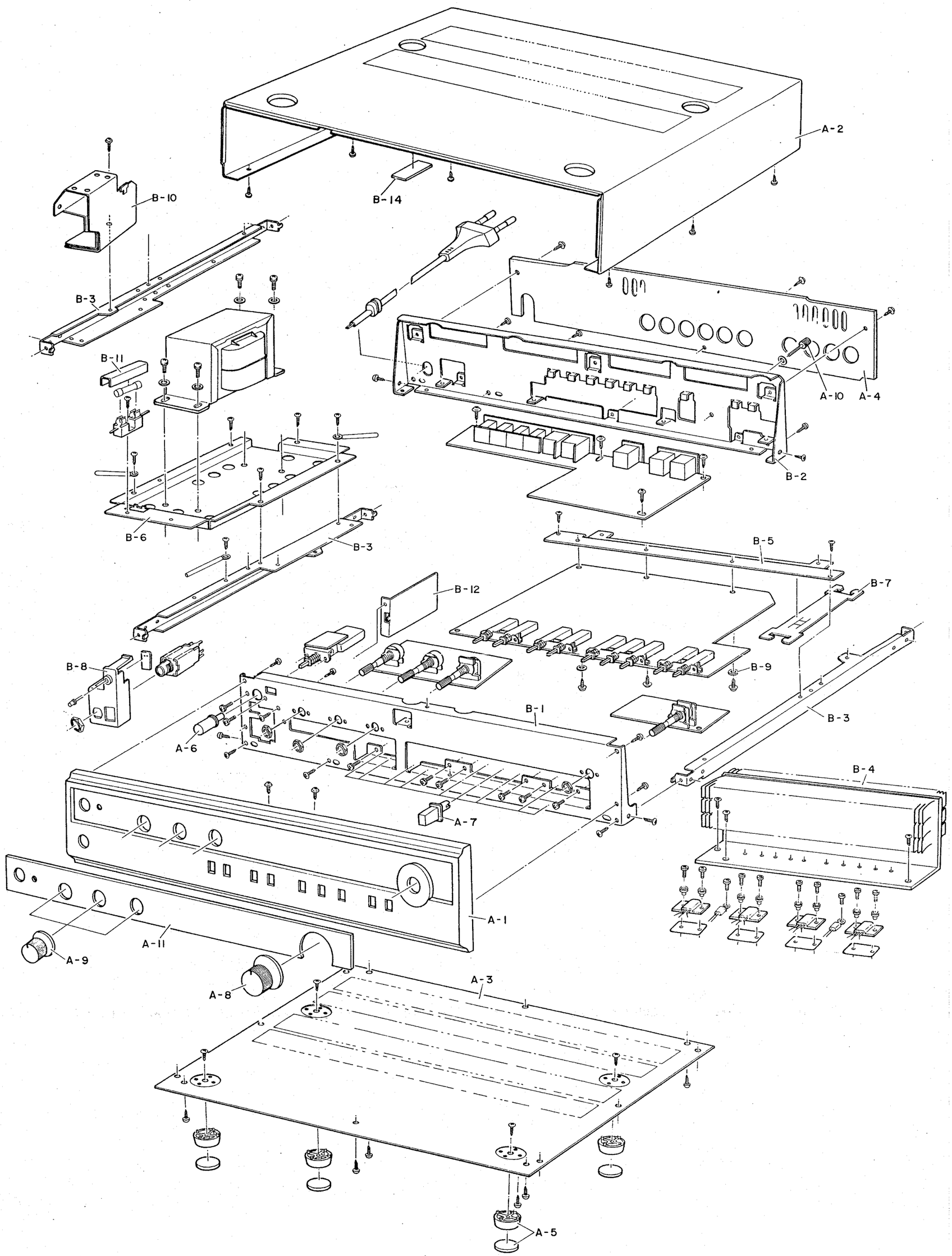
H1411VO

Ref. No.	Description		Funai Part No.
C568	Electrolytic Capacitor	2200u/63V	1220268
C569	Electrolytic Capacitor	2200u/63V	1220268
C570	Ceramic Capacitor	0.04uF(YZ)	12F3403
C571	Ceramic Capacitor	0.04uF(YZ)	12F3403
C572	Ceramic Capacitor	0.04uF(YZ)	12F3403
C573	Ceramic Capacitor	0.04uF(YZ)	12F3403
C576	Ceramic Capacitor	0.02uF(YZ)	12F3203
C577	Electrolytic Capacitor	3300u/80V	520B338
C578	Electrolytic Capacitor	33u/63V	120A336
C579	Electrolytic Capacitor	10u/50V	1221106
C580	Electrolytic Capacitor	47u/50V	1221476
C581	Electrolytic Capacitor	3.3u/35V	1200335
C582	Ceramic Capacitor	0.001uF(YE)	12E3102
C583	Ceramic Capacitor	0.001uF(YE)	12E3102
C584	Ceramic Capacitor	56p(K)	1271560
C585	Ceramic Capacitor	56p(K)	1271560
R501	Carbon Resistor	82Kohm(1/4W J)	1346823
R502	Carbon Resistor	82Kohm(1/4W J)	1346823
R503	Carbon Resistor	1Kohm(1/4W J)	1346102
R504	Carbon Resistor	1Kohm(1/4W J)	1346102
R505	Carbon Resistor	100Kohm(1/4W J)	1246104
R506	Carbon Resistor	100Kohm(1/4W J)	1246104
R507	Carbon Resistor	330Kohm(1/4W J)	1346334
R508	Carbon Resistor	330Kohm(1/4W J)	1346334
R509	Carbon Resistor	12Kohm(1/4W J)	1346123
R510	Carbon Resistor	12Kohm(1/4W J)	1346123
R511	Carbon Resistor	220ohm(1/4W J)	1346221
R512	Carbon Resistor	220ohm(1/4W J)	1346221
R513	Carbon Resistor	160Kohm(1/4W J)	1346164
R514	Carbon Resistor	160Kohm(1/4W J)	1346164
R515	Carbon Resistor	16Kohm(1/4W J)	1346163
R516	Carbon Resistor	16Kohm(1/4W J)	1346163
R517	Carbon Resistor	1.2Mohm(1/4W J)	1346125
R518	Carbon Resistor	1.2Mohm(1/4W J)	1346125
R519	Carbon Resistor	1.2Mohm(1/4W J)	1346125
R520	Carbon Resistor	1.2Mohm(1/4W J)	1346125
R521	Carbon Resistor	1.2Mohm(1/4W J)	1346125
R522	Carbon Resistor	1.2Mohm(1/4W J)	1346125
R523	Carbon Resistor	100Kohm(1/4W J)	1346104
R524	Carbon Resistor	100Kohm(1/4W J)	1346104
R525	Carbon Resistor	100Kohm(1/4W J)	1346104
R526	Carbon Resistor	3.9Kohm(1/4W J)	1346392
R527	Carbon Resistor	3.9Kohm(1/4W J)	1346392
R528	Carbon Resistor	470Kohm(1/4W J)	1346474
R529	Carbon Resistor	470Kohm(1/4W J)	1346474
R530	Carbon Resistor	5.6Kohm(1/4W J)	1346562
R531	Carbon Resistor	5.6Kohm(1/4W J)	1346562
R532	Carbon Resistor	56Kohm(1/4W J)	1346563
R533	Carbon Resistor	56Kohm(1/4W J)	1346563
R534	Carbon Resistor	270Kohm(1/4W J)	1346274
R535	Carbon Resistor	270Kohm(1/4W J)	1346274
R536	Carbon Resistor	18Kohm(1/4W J)	1346183
R537	Carbon Resistor	18Kohm(1/4W J)	1346183
R538	Carbon Resistor	1Kohm(1/4W J)	1346102
R539	Carbon Resistor	1Kohm(1/4W J)	1346102
R540	Carbon Resistor	1,5Kohm(1/4W J)	1346155
R541	Carbon Resistor	1.5Kohm(1/4W J)	1346155
R542	Carbon Resistor	6.8Kohm(1/4W J)	1346682

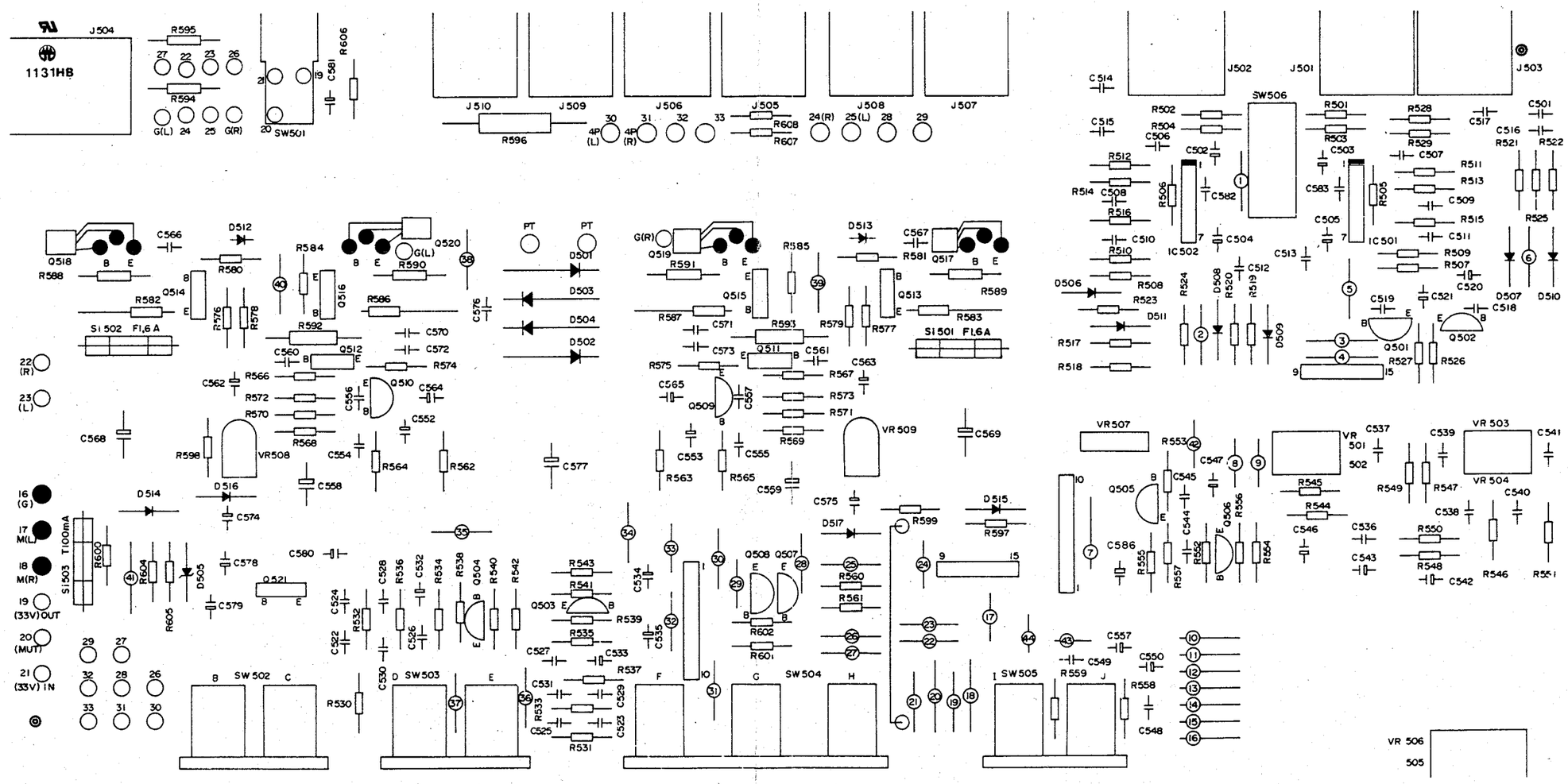
PARTS LIST

H1411VO

Ref. No.	Description		Funai Part No.
C510	Mylar Capacitor	0.0047uF(K)	1250472
C511	Mylar Capacitor	0.0047uF(K)	1250472
C512	Ceramic Capacitor	0.04uF(YZ)	12F3403
C513	Ceramic Capacitor	0.04uF(YZ)	12F3403
C514	Ceramic Capacitor	0.04uF(YZ)	12F3403
C515	Ceramic Capacitor	0.04uF(YZ)	12F3403
C516	Ceramic Capacitor	0.04uF(YZ)	12F3403
C517	Ceramic Capacitor	0.04uF(YZ)	12F3403
C518	Ceramic Capacitor	0.001uF(YE)	12E3102
C519	Ceramic Capacitor	0.001uF(YE)	12E3102
C520	Electrolytic Capacitor	10u/25V	1204106
C521	Electrolytic Capacitor	10u/25V	1204106
C522	Mylar Capacitor	0.047uF(K)	1250473
C523	Mylar Capacitor	0.047uF(K)	1250473
C524	Mylar Capacitor	0.022uF(K)	1250223
C525	Mylar Capacitor	0.022uF(K)	1250223
C526	Ceramic Capacitor	220p(K)	1271221
C527	Ceramic Capacitor	220p(K)	1271221
C528	Mylar Capacitor	0.0056uF(K)	1250562
C529	Mylar Capacitor	0.0056uF(K)	1250562
C530	Ceramic Capacitor	0.001uF(YE)	12E3102
C531	Ceramic Capacitor	0.001uF(YE)	12E3102
C532	Electrolytic Capacitor	1u/25V	1204105
C533	Electrolytic Capacitor	1u/25V	1204105
C534	Electrolytic Capacitor	10u/25V	1204106
C535	Electrolytic Capacitor	10u/25V	1204106
C536	Mylar Capacitor	0.0022uF(K)	1250222
C537	Mylar Capacitor	0.0022uF(K)	1250222
C538	Mylar Capacitor	0.039uF(K)	1250393
C539	Mylar Capacitor	0.039uF(K)	1250393
C540	Mylar Capacitor	0.039uF(K)	1250393
C541	Mylar Capacitor	0.039uF(K)	1250393
C542	Electrolytic Capacitor	4.7u./16V	1203475
C543	Electrolytic Capacitor	4.7u./16V	1203475
C544	Ceramic Capacitor	33p(K)	1271330
C545	Ceramic Capacitor	33p(K)	1271330
C546	Electrolytic Capacitor	4.7u/35V	1200475
C547	Electrolytic Capacitor	4.7u/35V	1200475
C548	Ceramic Capacitor	470p(K)	1271471
C549	Ceramic Capacitor	470p(K)	1271471
C550	Electrolytic Capacitor	0.47u(MS)50V	124S478
C551	Electrolytic Capacitor	0.47u(MS)50V	124S478
C552	Electrolytic Capacitor	0.22/25V(MS)	124L228
C553	Electrolytic Capacitor	0.22/25V(MS)	124L228
C554	Ceramic Capacitor	270p(K)	1271271
C555	Ceramic Capacitor	270p(K)	1271271
C556	Ceramic Capacitor	0.001uF(YE)	12E3102
C557	Ceramic Capacitor	0.001uF(YE)	12E3102
C558	Electrolytic Capacitor	470u/25V	120447
C559	Electrolytic Capacitor	470u/25V	120447
C560	Ceramic Capacitor	39p(K)	1271390
C561	Ceramic Capacitor	39p(K)	1271390
C562	Electrolytic Capacitor	100u/25V	1204107
C563	Electrolytic Capacitor	100u/25V	1204107
C564	Electrolytic Capacitor	47u/16V	1203476
C565	Electrolytic Capacitor	47u/16V	1203476
C566	Ceramic Capacitor	270p(K)	1271271
C567	Ceramic Capacitor	270p(K)	1271271



MECHANCAL EXPLOSION VIEW
VG 821
H1411V0


J504
1131HB
R595
R594
27 22 23 26
G(L) 24 25 G(R)
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SW501
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4P (R)
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33
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24(R)
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VR 501 502
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C539
VR 503
C541
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VR 504
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R546
R551
C536
C543
R550
R548
Q505
C544
C586
R555
R557
R552
Q506
R556
R554
22 (R)
23 (L)
16 (G)
17 M(L)
18 M(R)
19 (33V) OUT
20 (MUT)
21 (33V) IN
S1503 T100mA
R600
R604
R605
D505
C578
C579
Q521
C580
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D516
C574
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Q504
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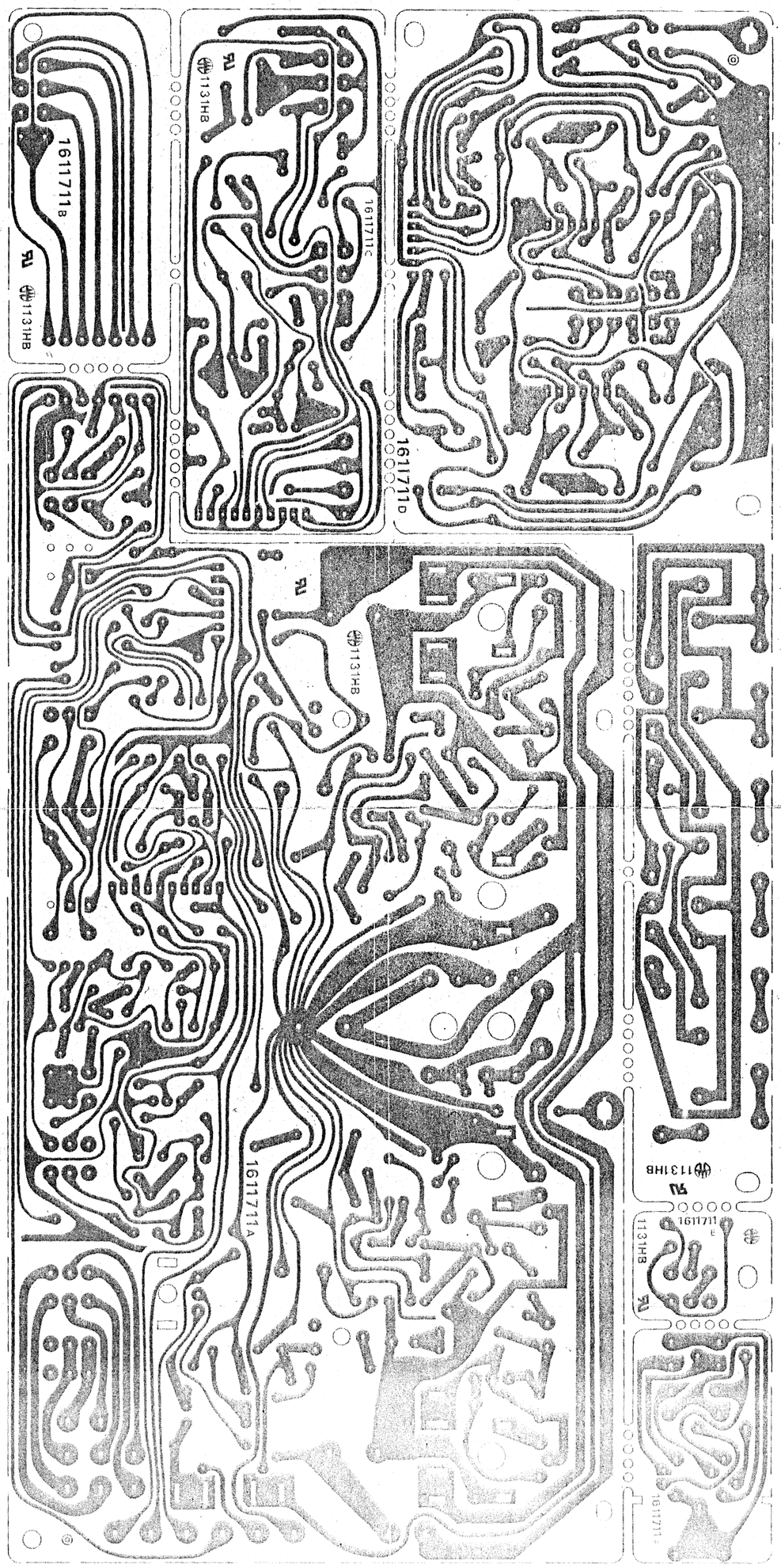
D SW503 E
F SW504 H
I SW505 J


1611711B
1131HB
1611711C
1131HB
1611711D
1131HB
1611711A
1131HB
1611711E
1131HB

PARTS LIST

H1411VO

Ref. No.	Description		Funai Part No.
J501	DIN 5P Jack	172C940 or	1740077
J502	DIN 5P Jack	172C940 or	1740077
J503	DIN 5P Jack	172C940 or	1740077
J505	Speaker Jack 2P		172C540
J506	Speaker Jack 2P		172C540
J507	Speaker Jack 2P	(W/SW)	172C564
J508	Speaker Jack 2P	(W/SW)	172C564
J509	Speaker Jack 2P		172C540
J510	Speaker Jack 2P		172C540
Si501	Fuse	F-1.6A	1790208
Si502	Fuse	F-1.6A	1790208
Si503	Fuse	T-100mA	1790086
	Heat Sink		23W5803
	Fuse Holder		1740370
IC501	IC (Pre-AMP)		uPC1024H
IC502	IC (Pre-AMP)		uPC1024H
Q501	Transistor	2SC1740LN(E) or	2SC900(E)
Q502	Transistor	2SC1740LN(E) or	2SC900(E)
Q503	Transistor	2SC1740LN(E) or	2SC900(E)
Q504	Transistor	2SC1740LN(E) or	2SC900(E)
Q505	Transistor	2SC1740LN(E) or	2SC900(E)
Q506	Transistor	2SC1740LN(E) or	2SC900(E)
Q507	Transistor	2SC1740(E)R or	2SC900(Q)
Q508	Transistor	2SC1740(E)R or	2SC900(Q)
Q509	Transistor	2SA933LN(S) or	2SA640(F)
Q510	Transistor	2SA933LN(S) or	2SA640(F)
Q511	Transistor		2SC1940(L)
Q512	Transistor		2SC1940(L)
Q513	Transistor		2SD414(Q)
Q514	Transistor		2SD414(Q)
Q515	Transistor		2SB548(Q)
Q516	Transistor		2SB548Q
Q521	Transistor		2SC1449(L)
D501	Diode (Si)		U15C
D502	Diode (Si)		U15C
D503	Diode (Si)		U15C
D504	Diode (Si)		U15C
D506	Diode (Si)	1S2076 or	1S2473
D507	Diode (Si)	1S2076 or	1S2473
D508	Diode (Si)	1S2076 or	1S2473
D509	Diode (Si)	1S2076 or	1S2473
D511	Diode (Si)	1S2076 or	1S2473
D512	Varister		KB362M
D513	Varister		KB362M
D514	Diode (Si)	1S2076 or	1S2473
C501	Ceramic Capacitor	0.001u(YE)	12E3102
C502	Electrolytic Capacitor	4.7u/25V	1204475
C503	Electrolytic Capacitor	4.7u/25V	1204475
C504	Electrolytic Capacitor	47u/6.3V	1201476
C505	Electrolytic Capacitor	47u/6.3V	1201476
C506	Ceramic Capacitor	56p(K)	1271560
C507	Ceramic Capacitor	56p(K)	1271560
C508	Mylar Capacitor	0.018uf(K)	1250183
C509	Mylar Capacitor	0.018uf(K)	1250183

PARTS LIST

H1411VO

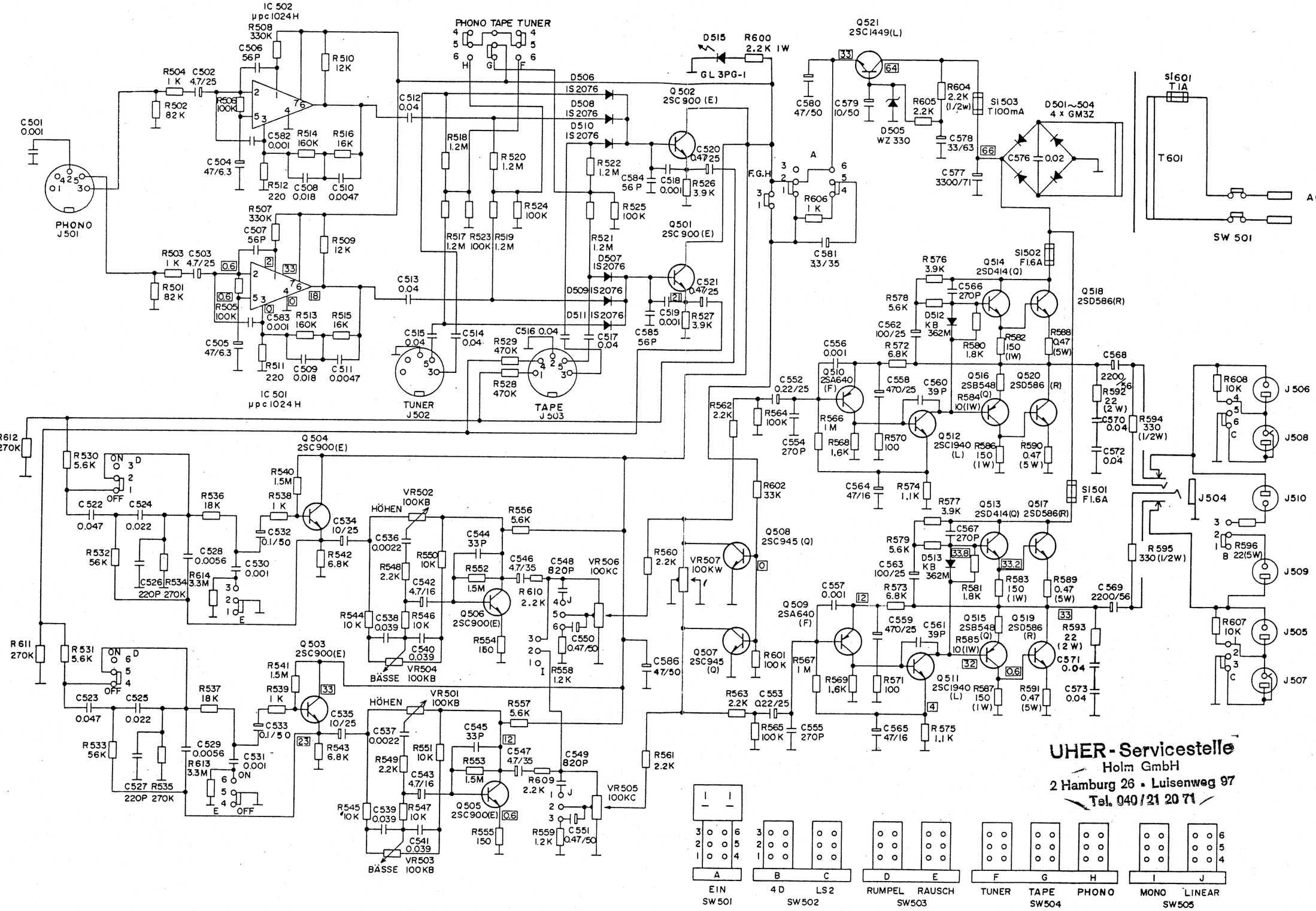
Ref. No.	Description		Funai Part No.
A-1	Front		21F4619
A-2	Cabinet		23C4066
A-3	Bottom Plate		23C4078
A-4	Back Lid		24C4217
A-5	Leg		27C7124
A-6	Power Knob		21N4486
A-7	Band Knob		21N4484
A-8	Volume Knob		21N7672
A-9	Control Knob		21N4445
A-10	GNG Screw		21W4401
A-11	Control Window		24D4330
B-1	Front Chassis		23S4376
B-2	Terminal Chassis		23S4377
B-3	Joint Chassis		23S4378
B-4	Heat Sink		22W4043
B-5	AF P.C.B. Holder		23S4371
B-6	Transformer Holder		23S4370
B-7	Lead Wire Holder		24W4850
B-8	Phones Jack Holder		21W4432
B-9	Washer		24W4416
B-10	Power Switch Cover		24W4848
B-11	Fuse Cover		21W4228
B-12	Shield Plate		23WD359
B-13	Spacer		24W4873
B-14	Cushion (A)		24W4903
T601	Power Trans.		1180819
	AC Cord		1750236
	Headphone Jack		1630085
	Carbon Resistor	330ohm (1/2W J)	1322331
	Carbon Resistor	330ohm (1/2W J)	1322331
	LED	(GRN)	GL3PG-1
	Fuse	T 1A	1790134
	Fuse Holder		1740092
	PCB (single)		1612514
Q517	Transistor		2SD586(R)
Q518	Transistor		2SD586(R)
Q519	Transistor		2SD586(R)
Q520	Transistor		2SD586(R)
	Accessary		G-15
	PCB (1611711) Ass'y		
	PCB		1611711
SW501	Power Switch		1622354
SW502	Push Switch		1622171
SW503	Push Switch		1622171
SW504	Push Switch		1622171
SW505	Push Switch		1622171
VR501	Volume (Tone)	100Kohm(B)x2	139A803
VR502			
VR503	Volume (Tone)	100Kohm(B)x2	139A803
VR504			
VR505	Volume (Volume)	100Kohm(C)x2	139A824
VR506			
VR507	Volume (Balance)	100Kohm(W)x1	139A804

PARTS LIST

H1411VO

Ref. No.	Description		Funai Part No.
R543	Carbon Resistor	6.8Kohm(1/4W J)	1346682
R544	Carbon Resistor	10Kohm(1/4W J)	1346103
R545	Carbon Resistor	10Kohm(1/4W J)	1346103
R546	Carbon Resistor	10Kohm(1/4W J)	1346103
R547	Carbon Resistor	10Kohm(1/4W J)	1346103
R548	Carbon Resistor	2.2Kohm(1/4W J)	1346222
R549	Carbon Resistor	2.2Kohm(1/4W J)	1346222
R550	Carbon Resistor	10Kohm(1/4W J)	1346103
R551	Carbon Resistor	10Kohm(1/4W J)	1346103
R552	Carbon Resistor	1.5Kohm(1/4W J)	1346155
R553	Carbon Resistor	1.5Kohm(1/4W J)	1346155
R554	Carbon Resistor	150Kohm(1/4W J)	1346151
R555	Carbon Resistor	150Kohm(1/4W J)	1346151
R556	Carbon Resistor	5.6Kohm(1/4W J)	1346562
R557	Carbon Resistor	5.6Kohm(1/4W J)	1346562
R558	Carbon Resistor	1.2Kohm(1/4W J)	1346122
R559	Carbon Resistor	1.2Kohm(1/4W J)	1346122
R560	Carbon Resistor	2.2Kohm(1/4W J)	1346222
R561	Carbon Resistor	2.2Kohm(1/4W J)	1346222
R562	Carbon Resistor	2.2Kohm(1/4W J)	1346222
R563	Carbon Resistor	2.2Kohm(1/4W J)	1346222
R564	Carbon Resistor	100Kohm(1/4W J)	1346104
R565	Carbon Resistor	100Kohm(1/4W J)	1346104
R566	Carbon Resistor	1Mohm(1/4W J)	1346105
R567	Carbon Resistor	1Mohm(1/4W J)	1346105
R568	Carbon Resistor	1,5Kohm(1/4W J)	1346152
R569	Carbon Resistor	1.5Kohm(1/4W J)	1346152
R570	Carbon Resistor	100 ohm(1/4W J)	1346101
R571	Carbon Resistor	100 ohm(1/4W J)	1346101
R572	Carbon Resistor	6.8Kohm(1/4W J)	1346682
R573	Carbon Resistor	6.8Kohm(1/4W J)	1346682
R574	Carbon Resistor	1.2Kohm(1/4W J)	1346122
R575	Carbon Resistor	1.2Kohm(1/4W J)	1346122
R576	Carbon Resistor	3.9Kohm(1/4W J)	1346392
R577	Carbon Resistor	3.9Kohm(1/4W J)	1346392
R578	Carbon Resistor	5.6Kohm(1/4W J)	1346562
R579	Carbon Resistor	5.6Kohm(1/4W J)	1346562
R580	Carbon Resistor	1.8Kohm(1/4W J)	1346182
R581	Carbon Resistor	1.8Kohm(1/4W J)	1346182
R582	Metal Oxide Resistor	150 ohm (1W)	1344151
R583	Metal Oxide Resistor	150 ohm (1W)	1344151
R584	Metal Oxide Resistor	10 ohm (1W K)	1344100
R585	Metal Oxide Resistor	10 ohm (1W K)	1344100
R586	Metal Oxide Resistor	150 ohm (1W K)	1344151
R587	Metal Oxide Resistor	150 ohm (1W K)	1344151
R588	Wire Wound Resistor	0.47 ohm (5W J)	1330133
R589	Wire Wound Resistor	0.47 ohm (5W J)	1330133
R590	Wire Wound Resistor	0.47 ohm (5W J)	1330133
R591	Wire Wound Resistor	0.47 ohm (5W K)	1330133
R592	Metal Oxide Resistor	22 ohm (2W K)	1340220
R593	Metal Oxide Resistor	22 ohm (2W K)	1340220
R596	Cement Resistor	22 ohm (5W K)	1342220
R601	Carbon Resistor	100Kohm(1/4W J)	1346104
R602	Carbon Resistor	33Kohm(1/4W J)	1346333
R600	Metal Oxide Resistor	2.2Kohm(1W K)	1344222
R604	Solid Resistor	2.2Kohm(1/2W K)	1317222
R605	Carbon Resistor	2.2Kohm(1/2W K)	1317222
R606	Carbon Resistor	1Kohm(1/2W K)	1346102
R607	Carbon Resistor	10Kohm(1/2W K)	1346103
R608	Carbon Resistor	10Kohm(1/4W J)	1346103

SCHEMATIC DIAGRAM



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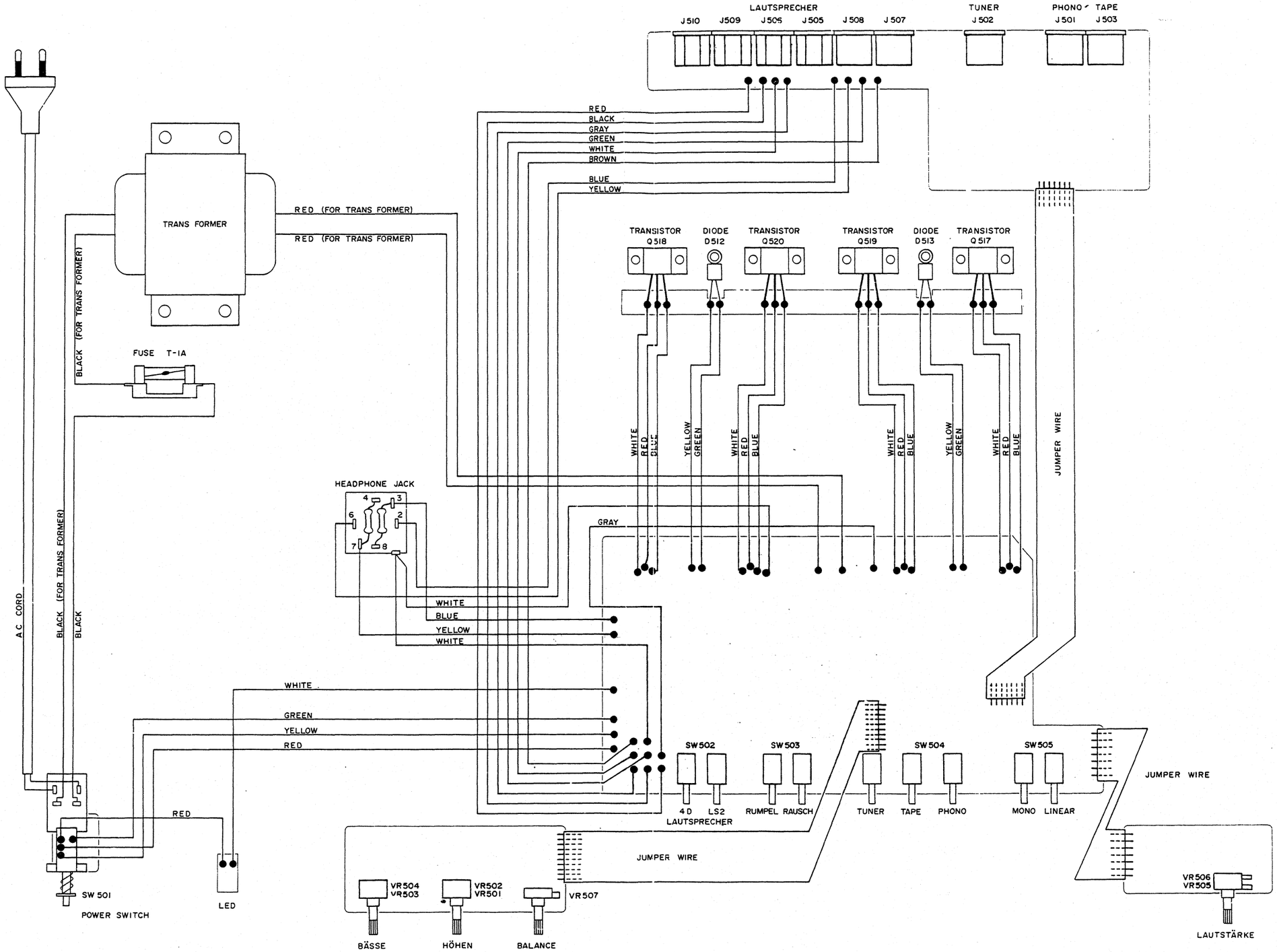
UHER VG821 H1411V0

WIRING DIAGRAM



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